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(74) Agents: LAKSHMIKUMARAN, Varadhachari et al.; Lakshmikumaran & Sridharan, B4/158, Safdarjung Enclave, New Delhi 110 029 (IN).

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(71) Applicants (*for all designated States except US*): UNIVERSITY OF DELHI [IN/IN]; Department of Plant Molecular Biology, University of Delhi South Campus, Benito Juarez Road, New Delhi 110 021 (IN). DEPARTMENT OF BIOTECHNOLOGY [IN/IN]; Ministry Of Science & Technology, Block-2, (7th Floor), CGO Complex, Lodi Road, New Delhi 110 003 (IN).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): TYAGI, Kumar, Akhilesh [IN/IN]; Department of Plant Molecular Biology, University of Delhi South Campus, Benito Juarez Road, New Delhi 110 021 (IN). ARNAB, Mukhopadhyay [IN/IN]; Department of Plant Molecular Biology, University of Delhi South Campus, Benito Juarez Road, New Delhi 110 021 (IN). VIJ, Shubha [IN/IN]; Department of Plant Molecular Biology, University of Delhi South Campus, Benito Juarez Road, New Delhi 110 021 (IN).

(54) Title: A NOVEL GENE OSISAP1 OF RICE CONFERS TOLERANCE TO STRESSES AND A METHOD THEREOF

(57) Abstract: The present invention relates to identification, isolation, characterization and use of a novel gene OSISAP1 obtained from rice and its corresponding novel protein sequence; also relates to a method of over-expressing the novel gene OSISAP1 encoding a zinc-finger stress associated protein from rice conferring salt, cold and drought stress tolerance in transgenic plant systems, further this invention also relates to transgenic plants, plant tissues and plant seeds having a genome containing the novel gene OSISAP1 and a method of producing such plants and plant seeds.

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